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PASSWORD:
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NEWS 1		Web Page URLs for STN Seminar Schedule - N. America
NEWS 2		"Ask CAS" for self-help around the clock
NEWS 3	DEC 05	CASREACT(R) - Over 10 million reactions available
NEWS 4	DEC 14	2006 MeSH terms loaded in MEDLINE/LMEDLINE
NEWS 5	DEC 14	2006 MeSH terms loaded for MEDLINE file segment of TOXCENTER
NEWS 6	DEC 14	CA/CAplus to be enhanced with updated IPC codes
NEWS 7	DEC 21	IPC search and display fields enhanced in CA/CAplus with the IPC reform
NEWS 8	DEC 23	New IPC8 SEARCH, DISPLAY, and SELECT fields in USPATFULL/ USPAT2
NEWS 9	JAN 13	IPC 8 searching in IFIPAT, IFIUDB, and IFICDB
NEWS 10	JAN 13	New IPC 8 SEARCH, DISPLAY, and SELECT enhancements added to INPADOC
NEWS 11	JAN 17	Pre-1988 INPI data added to MARPAT
NEWS 12	JAN 17	IPC 8 in the WPI family of databases including WPIFV
NEWS 13	JAN 30	Saved answer limit increased
NEWS 14	JAN 31	Monthly current-awareness alert (SDI) frequency added to TULSA
NEWS 15	FEB 21	STN AnaVist, Version 1.1, lets you share your STN AnaVist visualization results
NEWS 16	FEB 22	Status of current WO (PCT) information on STN
NEWS 17	FEB 22	The IPC thesaurus added to additional patent databases on STN
NEWS 18	FEB 22	Updates in EPFULL; IPC 8 enhancements added
NEWS 19	FEB 27	New STN AnaVist pricing effective March 1, 2006
NEWS 20	FEB 28	MEDLINE/LMEDLINE reload improves functionality
NEWS 21	FEB 28	TOXCENTER reloaded with enhancements
NEWS 22	FEB 28	REGISTRY/ZREGISTRY enhanced with more experimental spectral property data
NEWS 23	MAR 01	INSPEC reloaded and enhanced
NEWS 24	MAR 03	Updates in PATDPA; addition of IPC 8 data without attributes
NEWS 25	MAR 08	X.25 communication option no longer available after June 2006

NEWS EXPRESS FEBRUARY 15 CURRENT VERSION FOR WINDOWS IS V8.01a,
CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),
AND CURRENT DISCOVER FILE IS DATED 19 DECEMBER 2005.
V8.0 AND V8.01 USERS CAN OBTAIN THE UPGRADE TO V8.01a AT
http://download.cas.org/express/v8.0-Discover/

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NEWS INTER	General Internet Information
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NEWS PHONE	Direct Dial and Telecommunication Network Access to STN
NEWS WWW	CAS World Wide Web Site (general information)

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* * * * * * * * * * * * * * * STN Columbus * * * * * * * * * * * * * * * *

FILE 'HOME' ENTERED AT 07:27:42 ON 09 MAR 2006

=> file reg

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.21	0.21

FILE 'REGISTRY' ENTERED AT 07:27:49 ON 09 MAR 2006
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Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 7 MAR 2006 HIGHEST RN 876109-17-0
DICTIONARY FILE UPDATES: 7 MAR 2006 HIGHEST RN 876109-17-0

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TSCA INFORMATION NOW CURRENT THROUGH January 6, 2006

Please note that search-term pricing does apply when conducting SmartSELECT searches.

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**********************************************************************
*                                                                    *
* The CA roles and document type information have been removed from *
* the IDE default display format and the ED field has been added,   *
* effective March 20, 2005.  A new display format, IDERL, is now    *
* available and contains the CA role and document type information. *
*                                                                    *
**********************************************************************
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Structure search iteration limits have been increased. See HELP SLIMITS for details.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

http://www.cas.org/ONLINE/UG/regprops.html

=> E "NS1619"/CN 25

```
E1            1     NS1-BINDING PROTEIN-LIKE PROTEIN (HUMAN)/CN
E2            1     NS104/CN
E3            0 --> NS1619/CN
E4            1     NS2 (NONSTRUCTURAL, 2) PROTEIN (INFLUENZA A VIRUS STRAIN
A/CHARLOTTESVILLE/31/95(H1N1) GENE NS2)/CN
E5            1     NS2 (NONSTRUCTURAL, 2) PROTEIN (INFLUENZA A VIRUS STRAIN
ENGLAND/1/53 VERO CELL-ADAPTED)/CN
E6            1     NS2 (NONSTRUCTURAL, 2) PROTEIN (INFLUENZA A VIRUS STRAIN
ENGLAND/1/53)/CN
```

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E7            1     NS2 AND NS3 ANTIGEN FRAGMENT (HEPATITIS NON-A NON-B VIRUS CLONE
C14-3)/CN
E8            1     NS2 AND NS3 ANTIGEN FRAGMENT (HEPATITIS NON-A NON-B VIRUS CLONE
C4-1)/CN
E9            1     NS2 ANTIGEN (HEPATITIS C VIRUS PATIENT #4)/CN
E10           1     NS2 ANTIGEN (HEPATITIS C VIRUS PATIENT #6)/CN
E11           1     NS2 PROTEIN (BLUETONGUE VIRUS 13 STRAIN FL99-22364-8 GENE S8)/CN
E12           1     NS2 PROTEIN (BLUETONGUE VIRUS 17 STRAIN FL99-12475 GENE S8)/CN
E13           1     NS2 PROTEIN (BLUETONGUE VIRUS 2 STRAIN 557-SA GENE S8)/CN
E14           1     NS2 PROTEIN (BLUETONGUE VIRUS 2 STRAIN FL99-13406-2 GENE S8)/CN
E15           1     NS2 PROTEIN (BLUETONGUE VIRUS 2 STRAIN ONAA GENE S8)/CN
E16           1     NS2 PROTEIN (BLUETONGUE VIRUS 2 STRAIN ONAB GENE S8)/CN
E17           1     NS2 PROTEIN (HUMAN CORONAVIRUS OC43 STRAIN 19572-BELGIUM-2004
COUNTRY BELGIUM GENE NS2)/CN
E18           1     NS2 PROTEIN (HUMAN CORONAVIRUS OC43 STRAIN
87309-BELGIUM-2003/87309 COUNTRY BELGIUM GENE NS2)/CN
E19           1     NS2 PROTEIN (HUMAN CORONAVIRUS OC43 STRAIN ATCC VR-759 ISOLATE
OC43 GENE NS2)/CN
E20           1     NS2 PROTEIN (HUMAN HEPATITIS C VIRUS JAPANESE VARIANT HCV-N)/CN
E21           1     NS2 PROTEIN (MURINE HEPATITIS VIRUS STRAIN DVIM GENE 2A)/CN
E22           1     NS2-3 PROTEASE/CN
E23           1     NS2-NS3 PROTEASE/CN
E24           1     NS20S/CN
E25           1     NS21A/CN

=> E "NS 1619"/CN 25
E1            1     NS 160/CN
E2            1     NS 1608/CN
E3            1 --> NS 1619/CN
E4            1     NS 1652/CN
E5            1     NS 17/CN
E6            1     NS 17550/CN
E7            1     NS 1764/CN
E8            1     NS 1784/CN
E9            1     NS 18/CN
E10           1     NS 18-2/CN
E11           1     NS 1840/CN
E12           1     NS 187/CN
E13           1     NS 190/CN
E14           1     NS 199999/CN
E15           1     NS 1C/CN
E16           1     NS 1D/CN
E17           1     NS 1V/CN
E18           4     NS 2/CN
E19           1     NS 2 (HEAT STABILIZER)/CN
E20           1     NS 2 (PHARMACEUTICAL)/CN
E21           1     NS 2 (POLYESTER)/CN
E22           1     NS 2 (POLYESTER), POLYMER WITH CELLULOSE ACETATE BUTANOATE AND
CORONATE T 80/CN
E23           1     NS 2 (STABILIZER)/CN
E24           4     NS 20/CN
E25           1     NS 20 (INSULATOR)/CN

=> S E3
L1            1 "NS 1619"/CN

=> file caplus
COST IN U.S. DOLLARS                          SINCE FILE      TOTAL
                                                 ENTRY    SESSION
FULL ESTIMATED COST                               5.64       5.85

FILE 'CAPLUS' ENTERED AT 07:28:50 ON 09 MAR 2006
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FILE COVERS 1907 - 9 Mar 2006 VOL 144 ISS 11
FILE LAST UPDATED: 8 Mar 2006 (20060308/ED)

Effective October 17, 2005, revised CAS Information Use Policies apply.
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```
=> s l1
L2          67 L1

=> s cancer? or tumor? or neoplas?
        285872 CANCER?
        420167 TUMOR?
        441008 NEOPLAS?
L3      695769 CANCER? OR TUMOR? OR NEOPLAS?

=> s l3 and l2
L4          11 L3 AND L2

=> s gli? or astroc?
         74864 GLI?
         22940 ASTROC?
L5       86867 GLI? OR ASTROC?

=> s l5 and l4
L6           7 L5 AND L4

=> s l6 not py>2001
       4599330 PY>2001
L7           0 L6 NOT PY>2001

=> s l6 not py>2002
       3615165 PY>2002
L8           0 L6 NOT PY>2002

=> d l6 ibib 1-7

L6   ANSWER 1 OF 7  CAPLUS  COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER:        2005:394512  CAPLUS
DOCUMENT NUMBER:         142:417210
TITLE:                   Method for using potassium channel agonists for
                         delivering a drug to an abnormal brain region and/or a
                         malignant tumor
INVENTOR(S):             Black, Keith L.; Ningaraj, Nagendra S.
PATENT ASSIGNEE(S):      USA
SOURCE:                  U.S. Pat. Appl. Publ., 13 pp.
                         CODEN: USXXCO
DOCUMENT TYPE:           Patent
```

LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2005095196	A1	20050505	US 2003-696676	20031029

PRIORITY APPLN. INFO.: US 2003-696676 20031029

L6 ANSWER 2 OF 7 CAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 2003:1009754 CAPLUS
DOCUMENT NUMBER: 140:192174
TITLE: Adenosine 5'-triphosphate-sensitive Potassium Channel-mediated Blood-Brain **Tumor** Barrier Permeability Increase in a Rat Brain **Tumor** Model
AUTHOR(S): Ningaraj, Nagendra S.; Rao, Mamatha K.; Black, Keith L.
CORPORATE SOURCE: Maxine Dunitz Neurosurgical Institute and Burns and Allen Research Institute, Cedars-Sinai Medical Center, Los Angeles, CA, 90048, USA
SOURCE: Cancer Research (2003), 63(24), 8899-8911
CODEN: CNREA8; ISSN: 0008-5472
PUBLISHER: American Association for Cancer Research
DOCUMENT TYPE: Journal
LANGUAGE: English
REFERENCE COUNT: 41 THERE ARE 41 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 3 OF 7 CAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 2003:683275 CAPLUS
DOCUMENT NUMBER: 140:70880
TITLE: Cilostazol prevents **tumor** necrosis factor-α-induced cell death by suppression of phosphatase and tensin homolog deleted from chromosome 10 phosphorylation and activation of Akt/cyclic AMP response element-binding protein phosphorylation
AUTHOR(S): Hong, Ki Whan; Kim, Ki Young; Shin, Hwa Kyoung; Lee, Jeong Hyun; Choi, Jae Moon; Kwak, Yong-Geun; Kim, Chi Dae; Lee, Won Suk; Rhim, Byung Yong
CORPORATE SOURCE: Department of Pharmacology, Pusan National University, Pusan, S. Korea
SOURCE: Journal of Pharmacology and Experimental Therapeutics (2003), 306(3), 1182-1190
CODEN: JPETAB; ISSN: 0022-3565
PUBLISHER: American Society for Pharmacology and Experimental Therapeutics
DOCUMENT TYPE: Journal
LANGUAGE: English
REFERENCE COUNT: 39 THERE ARE 39 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 4 OF 7 CAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 2003:407817 CAPLUS
DOCUMENT NUMBER: 139:332566
TITLE: Large-conductance K+ channel openers NS1619 and NS004 as inhibitors of mitochondrial function in **glioma** cells
AUTHOR(S): Debska, Grazyna; Kicinska, Anna; Dobrucki, Jerzy; Dworakowska, Beata; Nurowska, Ewa; Skalska, Jolanta; Dolowy, Krzysztof; Szewczyk, Adam
CORPORATE SOURCE: Laboratory of Intracellular Ion Channels, Nencki Institute of Experimental Biology, Warsaw, 02-096,

Pol.
SOURCE: Biochemical Pharmacology (2003), 65(11), 1827-1834
CODEN: BCPCA6; ISSN: 0006-2952
PUBLISHER: Elsevier Science B.V.
DOCUMENT TYPE: Journal
LANGUAGE: English
REFERENCE COUNT: 26 THERE ARE 26 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 5 OF 7 CAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 2003:300434 CAPLUS
DOCUMENT NUMBER: 138:297626
TITLE: Method for inducing selective cell death of malignant cells by activation of calcium-activated potassium channels (KCa)
INVENTOR(S): Black, Keith L.; Ningaraj, Nagendra S.
PATENT ASSIGNEE(S): Cedars-Sinai Medical Center, USA
SOURCE: U.S. Pat. Appl. Publ., 30 pp.
CODEN: USXXCO
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2003072748	A1	20030417	US 2001-976961	20011012
WO 2004078920	A2	20040916	WO 2003-US6176	20030227
WO 2004078920	A3	20050303		

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VC, VN, YU, ZA, ZM, ZW
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

PRIORITY APPLN. INFO.: US 2001-976961 A 20011012

L6 ANSWER 6 OF 7 CAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 2001:564889 CAPLUS
DOCUMENT NUMBER: 135:132471
TITLE: Method using potassium channel agonists for delivering a medicant to an abnormal brain region and/or a malignant **tumor**
INVENTOR(S): Black, Keith L.; Ningaraj, Nagendra S.
PATENT ASSIGNEE(S): Cedars-Sinai Medical Center, USA
SOURCE: PCT Int. Appl., 62 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 2
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001054771	A2	20010802	WO 2001-US2743	20010126
WO 2001054771	A3	20020620		

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT,

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            LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU,
            SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU,
            ZA, ZW
        RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY,
            DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF,
            BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG
    AU 2001034602        A5    20010807    AU 2001-34602          20010126
    EP 1251838           A2    20021030    EP 2001-906729         20010126
        R:  AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
            IE, SI, LT, LV, FI, RO, MK, CY, AL, TR
    JP 2003523965        T2    20030812    JP 2001-554753         20010126
    US 2005153940        A1    20050714    US 2004-998866         20041129
PRIORITY APPLN. INFO.:                      US 2000-491500      A  20000126
                                            US 2000-615854      A  20000714
                                            WO 2001-US2743      W  20010126

L6   ANSWER 7 OF 7  CAPLUS  COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER:        2001:564822  CAPLUS
DOCUMENT NUMBER:         135:132469
TITLE:                   Method for using potassium channel activation for
                         delivering a medicant to an abnormal brain region
                         and/or a malignant tumor
INVENTOR(S):             Black, Keith L.; Ningaraj, Nagendra S.
PATENT ASSIGNEE(S):      Cedars-Sinai Medical Center, USA
SOURCE:                  PCT Int. Appl., 72 pp.
                         CODEN: PIXXD2
DOCUMENT TYPE:           Patent
LANGUAGE:                English
FAMILY ACC. NUM. COUNT:  2
PATENT INFORMATION:

    PATENT NO.           KIND   DATE        APPLICATION NO.        DATE
    ---------------      ----   --------    --------------------   --------
    WO 2001054680        A2     20010802    WO 2001-US2742         20010126
    WO 2001054680        A3     20020627
        W:  AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN,
            CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR,
            HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT,
            LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU,
            SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU,
            ZA, ZW
        RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY,
            DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF,
            BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG
    AU 2001033052        A5     20010807    AU 2001-33052          20010126
    EP 1251840           A2     20021030    EP 2001-905141         20010126
        R:  AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
            IE, SI, LT, LV, FI, RO, MK, CY, AL, TR
    JP 2004508279        T2     20040318    JP 2001-555658         20010126
    US 2005153940        A1     20050714    US 2004-998866         20041129
PRIORITY APPLN. INFO.:                      US 2000-491500      A  20000126
                                            US 2000-615854      A  20000714
                                            WO 2001-US2742      W  20010126


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     (FILE 'HOME' ENTERED AT 07:27:42 ON 09 MAR 2006)

     FILE 'REGISTRY' ENTERED AT 07:27:49 ON 09 MAR 2006
               E "NS1619"/CN 25
               E "NS 1619"/CN 25
L1             1 S E3
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     FILE 'CAPLUS' ENTERED AT 07:28:50 ON 09 MAR 2006
L2          67 S L1
L3      695769 S CANCER? OR TUMOR? OR NEOPLAS?
L4          11 S L3 AND L2
L5       86867 S GLI? OR ASTROC?
L6           7 S L5 AND L4
L7           0 S L6 NOT PY>2001
L8           0 S L6 NOT PY>2002

=> s l4 not py>2001
      4599330 PY>2001
L9           0 L4 NOT PY>2001

=> s l4 not l6
L10          4 L4 NOT L6

=> d ibib 1-4

L10  ANSWER 1 OF 4  CAPLUS  COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER:         2005:259829  CAPLUS
DOCUMENT NUMBER:          142:329823
TITLE:                    Potassium channel mediated delivery of agents through
                          the blood-brain barrier
INVENTOR(S):              Black, Keith L.; Ningaraj, Nagendra S.
PATENT ASSIGNEE(S):       Cedars-Sinai Medical Center, USA
SOURCE:                   PCT Int. Appl., 225 pp.
                          CODEN: PIXXD2
DOCUMENT TYPE:            Patent
LANGUAGE:                 English
FAMILY ACC. NUM. COUNT:   1
PATENT INFORMATION:

     PATENT NO.           KIND   DATE        APPLICATION NO.         DATE
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     WO 2005025511         A2    20050324    WO 2004-US29787         20040910
     WO 2005025511         A3    20051103
         W:  AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH,
             CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD,
             GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC,
             LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI,
             NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY,
             TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW
         RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM,
             AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK,
             EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE,
             SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE,
             SN, TD, TG
     US 2005089473         A1    20050428    US 2004-938674          20040910
PRIORITY APPLN. INFO.:                       US 2003-502159P      P  20030910
                                             US 2003-528440P      P  20031210
                                             US 2004-548636P      P  20040227

L10  ANSWER 2 OF 4  CAPLUS  COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER:         2005:136539  CAPLUS
DOCUMENT NUMBER:          142:225791
TITLE:                    Active substance combination comprising a
                          2,5-dihydroxybenzenesulfonic compound and a potassium
                          ion channel modulator
INVENTOR(S):              Torrens Jover, Antoni; Alvarez Mathieu, Ines; Saenz de
                          Tejada Gorman, Inigo; Angula Frutos, Javier;
                          Buschmann, Helmut-Heinrich
PATENT ASSIGNEE(S):       Laboratorios del Esteve S. A., Spain
```

SOURCE: PCT Int. Appl., 32 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2005013962	A1	20050217	WO 2004-EP8509	20040729
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
ES 2222831	A1	20050201	ES 2003-1809	20030730
PRIORITY APPLN. INFO.:			ES 2003-1809 A	20030730

OTHER SOURCE(S): MARPAT 142:225791
REFERENCE COUNT: 8 THERE ARE 8 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L10 ANSWER 3 OF 4 CAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 2003:824351 CAPLUS
DOCUMENT NUMBER: 140:191897
TITLE: Calcium-dependent potassium channels as a target protein for modulation of the blood-brain **tumor** barrier
AUTHOR(S): Ningaraj, Nagendra S.; Rao, Mamatha; Black, Keith L.
CORPORATE SOURCE: BBB and Drug Delivery Research Group, Cedars-Sinai Medical Center, Los Angeles, CA, USA
SOURCE: Drug News & Perspectives (2003), 16(5), 291-298
CODEN: DNPEED; ISSN: 0214-0934
PUBLISHER: Prous Science
DOCUMENT TYPE: Journal; General Review
LANGUAGE: English
REFERENCE COUNT: 33 THERE ARE 33 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L10 ANSWER 4 OF 4 CAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 2002:539936 CAPLUS
DOCUMENT NUMBER: 137:106079
TITLE: Diagnostic **tumor** markers, drug screening for **tumorigenesis** inhibition, and compositions and methods for treatment of **cancer**
INVENTOR(S): Bamdad, Cynthia C.; Bamdad, R. Shoshana
PATENT ASSIGNEE(S): Minerva Biotechnologies Corporation, USA
SOURCE: PCT Int. Appl., 129 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002056022	A2	20020718	WO 2001-US44782	20011127
WO 2002056022	A3	20030821		

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        W:  AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN,
            CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH,
            GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR,
            LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH,
            PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA,
            UG, UZ, VN, YU, ZA, ZW
        RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY,
            KG, KZ, MD, RU, TJ, TM, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB,
            GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA,
            GN, GQ, GW, ML, MR, NE, SN, TD, TG
    CA 2430060          AA    20020718    CA 2001-2430060        20011127
    US 2003036199       A1    20030220    US 2001-996069         20011127
    EP 1354196          A2    20031022    EP 2001-989135         20011127
        R:  AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
            IE, SI, LT, LV, FI, RO, MK, CY, AL, TR
    JP 2004534730       T2    20041118    JP 2002-556226         20011127
PRIORITY APPLN. INFO.:                    US 2000-253361P     P  20001127
                                          US 2000-255370P     P  20001213
                                          US 2000-256027P     P  20001215
                                          US 2000-258157P     P  20001222
                                          US 2001-259615P     P  20010103
                                          US 2001-260186P     P  20010105
                                          US 2001-266169P     P  20010202
                                          US 2001-266929P     P  20010206
                                          US 2001-278093P     P  20010323
                                          US 2001-289444P     P  20010507
                                          US 2001-294887P     P  20010531
                                          US 2001-298272P     P  20010614
                                          WO 2001-US44782     W  20011127


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COST IN U.S. DOLLARS                            SINCE FILE      TOTAL
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FULL ESTIMATED COST                                30.44      36.29

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MOST RECENT UPDATE WEEK:         200609
FILE COVERS 1978 TO DATE

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>>> UPDATING OF BIBLIOGRAPHIC DATA DELAYED DUE TO DELIVERY
    FORMAT CHANGES <<<

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    ONLY, USE FIELD CODE FPI <<<

>>> SDI SEARCHES (ALERTS) WILL BE RESUMED WHEN BIBLIOGRAPHIC DATA
    BECOME AVAILABLE <<<

=> s (NS 1619) or (NS1619)
         42034 NS
           153 NSES
         42154 NS
                 (NS OR NSES)
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          2933 1619
            24 NS 1619
                 (NS(W)1619)
            10 NS1619
L11         31 (NS 1619) OR (NS1619)

=> s cancer? or tumor? or neoplas?
         76251 CANCER?
         63838 TUMOR?
         22082 NEOPLAS?
L12      95086 CANCER? OR TUMOR? OR NEOPLAS?

=> s l12 and l11
L13         19 L12 AND L11

=> s l13 not py>20001
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L14         19 L13 NOT PY>20001

=> s l13 not py>2001
        451737 PY>2001
L15          3 L13 NOT PY>2001

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L15    ANSWER 1 OF 3     PCTFULL   COPYRIGHT 2006 Univentio on STN
ACCESSION NUMBER:       2001078709 PCTFULL  ED 20020826
TITLE (ENGLISH):        TREATMENT OF NEURODEGENERATIVE DISEASE
TITLE (FRENCH):         TRAITEMENT DES MALADIES NEURODEGENERATIVES
INVENTOR(S):            BAMDAD, R., Shoshanna;
                        BAMDAD, Cynthia, C.
PATENT ASSIGNEE(S):     MINERVA BIOTECHNOLOGIES CORPORATION
DOCUMENT TYPE:          Patent
PATENT INFORMATION:
                        NUMBER              KIND     DATE
                        ---------------------------------
                        WO 2001078709        A2 20011025
DESIGNATED STATES
       W:               AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR
                        CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL
                        IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG
                        MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ
                        TM TR TT TZ UA UG UZ VN YU ZA ZW GH GM KE LS MW MZ SD
                        SL SZ TZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH CY
                        DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR BF BJ CF
                        CG CI CM GA GN GW ML MR NE SN TD TG
APPLICATION INFO.:      WO 2001-US12484      A  20010412
PRIORITY INFO.:         US 2000-60/196,497      20000412
                        US 2000-60/214,221      20000623
                        US 2000-60/248,890      20001115

L15    ANSWER 2 OF 3     PCTFULL   COPYRIGHT 2006 Univentio on STN
ACCESSION NUMBER:       2001054771 PCTFULL  ED 20020827
TITLE (ENGLISH):        METHOD FOR USING POTASSIUM CHANNEL AGONISTS FOR
                        DELIVERING A MEDICANT TO AN ABNORMAL BRAIN REGION
                        AND/OR A MALIGNANT TUMOR
TITLE (FRENCH):         PROCEDE UTILISANT DES AGONISTES DES CANAUX POTASSIQUES
                        POUR L'APPORT D'UN MEDICAMENT JUSQU'A UNE REGION
                        ANORMALE DU CERVEAU ET/OU JUSQU'A UNE TUMEUR MALIGNE
INVENTOR(S):            BLACK, Keith, L.;
                        NINGARAJ, Nagendra, S.
PATENT ASSIGNEE(S):     CEDARS-SINAI MEDICAL CENTER
DOCUMENT TYPE:          Patent
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PATENT INFORMATION:

	NUMBER	KIND	DATE
	WO 2001054771	A2	20010802

DESIGNATED STATES

W: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW GH GM KE LS MW MZ SD SL SZ TZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

APPLICATION INFO.: WO 2001-US2743 A 20010126

PRIORITY INFO.: US 2000-09/491,500 20000126

US 2000-09/615,854 20000714

L15 ANSWER 3 OF 3 PCTFULL COPYRIGHT 2006 Univentio on STN

ACCESSION NUMBER: 2001054680 PCTFULL ED 20020827

TITLE (ENGLISH): METHOD FOR USING POTASSIUM CHANNEL ACTIVATION FOR DELIVERING A MEDICANT TO AN ABNORMAL BRAIN REGION AND/OR A MALIGNANT **TUMOR**

TITLE (FRENCH): PROCEDE UTILISANT L'ACTIVATION DES CANAUX POTASSIQUES POUR L'APPORT D'UN MEDICAMENT JUSQU'A UNE REGION ANORMALE DU CERVEAU ET/OU JUSQU'A UNE TUMEUR MALIGNE

INVENTOR(S): BLACK, Keith, L.;
NINGARAJ, Nagendra, S.

PATENT ASSIGNEE(S): CEDARS-SINAI MEDICAL CENTER

DOCUMENT TYPE: Patent

PATENT INFORMATION:

	NUMBER	KIND	DATE
	WO 2001054680	A2	20010802

DESIGNATED STATES

W: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW GH GM KE LS MW MZ SD SL SZ TZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

APPLICATION INFO.: WO 2001-US2742 A 20010126

PRIORITY INFO.: US 2000-09/491,500 20000126

US 2000-09/615,854 20000714

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L15 ANSWER 1 OF 3 PCTFULL COPYRIGHT 2006 Univentio on STN

DETD . . . pindolol
B-169 BRL 37344 sodium
B-017 NWZ piperazine (2:1 ratio of 1-(4-hydroxy methoxyphenyl)-1,2-ethanediol
and diethyldiazene)
A-142 R(-)+atenolol
C-118 cimetidine
M-133 (+a-methyl norepinephrine
0-100 oxotremorine methiodide
P-155 (-)-physostigrnine
A-134 4-aminopyridine
N-170 **NS-1619** (1,3-dihydro-1-[2-hydroxy

(trifluoromethyl)phenyll
(trifluoromethyl)-2H-benziniidazol one)
E-120 erbstatin analog
Structures of the above-listed compositions are shown in FIGs. 3
The names of structures A. . .

FIG. 6 shows structures of 4-aminopyridine, **NS-1619**
(1,3-dihydro [2-hydroxy
(trifluoromethyl)pheny1] (tlifluoromethyl)-2H-benzimidazol one),
(-)-physostigniine,
erbstatin analog, spironolactone, valproic acid sodium, phenylephrine
hydrochIofide, urapidil,
5-methyl, phentolan-fine mesylate, YS-035 hydrochIoride
(3,3',4,4'-tetramethoxy-N-methyl-
diphenethylamine hydrochIofide),. . .

Subjects for whom methods of treatment with **NS-1619**
in this aspect of the invention
are not intended are those who are diagnosed with conditions which
already call for treatment
with. . .
. . .
analog is an inhibitor of EGF receptor-associated
tyrosine kinase and other receptor kinases. It has been suggested for
use in treating **cancers,**
of epithelial cell growth.
. . .
the adn-finistration of 5-
fluorouracil to a subject in need of treatment of topical treatment of
actinic or solar keratoses
or pancreatic **cancer.**

CLMEN. . . of a medicament for the treatment or prevention of a disease
associated with
fibril formation or aberrant protein aggregation.
117. Use of **NS-1619,** or a homolog, analog, or
derivative thereof, for the manufacture of a
medicament for the treatment or prevention of a disease. . .